ORDER NO. KM40112751C1
J01

Telephone Equipment

KX-TS108W

Integrated Telephone System
White Version
(for U.S.A.)

SPECIFICATIONS

■ SPECIFICATIONS

Power Source:	Telephone line voltage
Dial Speed:	Tone(DTMF)/Pulse(10pps)
Redial:	Last dialed telephone number
Speaker Unit:	5.7cm (2.5") PM magnetic type 32Ω
	Handset; 3 cm ($1\ ^{13}/_{16}$) PM dynamic type, 150 Ω
Microphone:	Electret condenser microphone
Input Jack:	Telephone Line, Data port
Dimensions:	$6^{9}/_{16}" \times 8^{13}/_{16}" \times 3^{3}/_{4}"$ (167 × 224 × 95 mm)
Weight:	1.48 lbs. (670g)

Design and specifications are subject to change without notice.

© 2001 Kyushu Matsushita Electric Co., Ltd. All rights reserved.
Unauthorized copying and distribution is a violation of law.

⚠ WARNING

This service information is designed for experienced repair technicians only and is not designed for use by the general public.
It does not contain warnings or cautions to advise non-technical individuals of potential dangers in attempting to service a product.
Products powered by electricity should be serviced or repaired only by experienced professional technicians. Any attempt to service or repair the product or products dealt with in this service information by anyone else could result in serious injury or death.

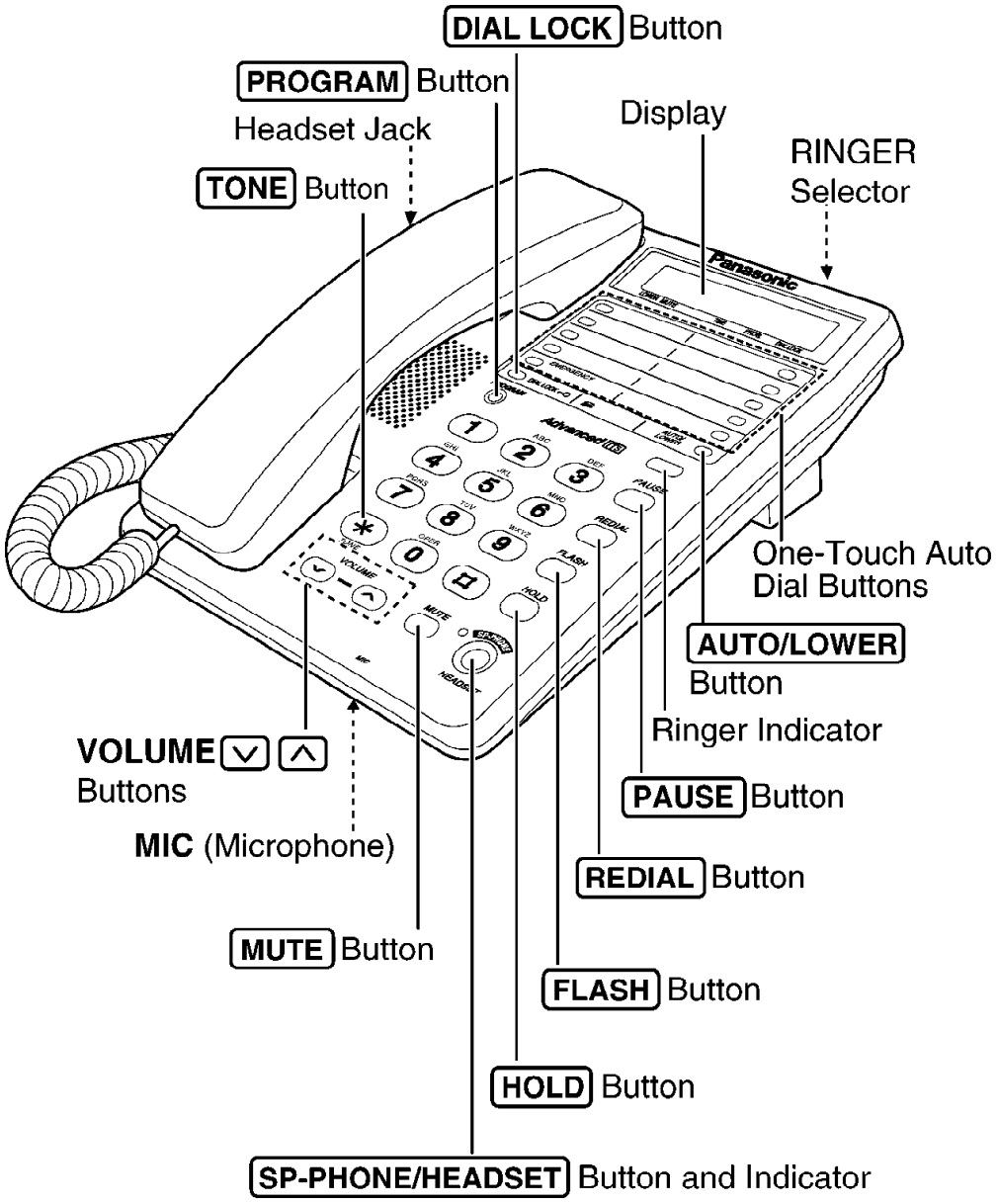
When you note the serial number, write down all 11 digits. The serial number may be found on the bottom of the unit.

FOR SERVICE TECHNICIANS

ICs and LSIs are vulnerable to static electricity.
When repairing, the following precautions will help prevent recurring malfunctions.
1. Cover plastic parts boxes with aluminum foil.
2. Ground the soldering irons.
3. Use a conductive mat on worktable.
4. Do not grasp IC or LSI pins with bare fingers.

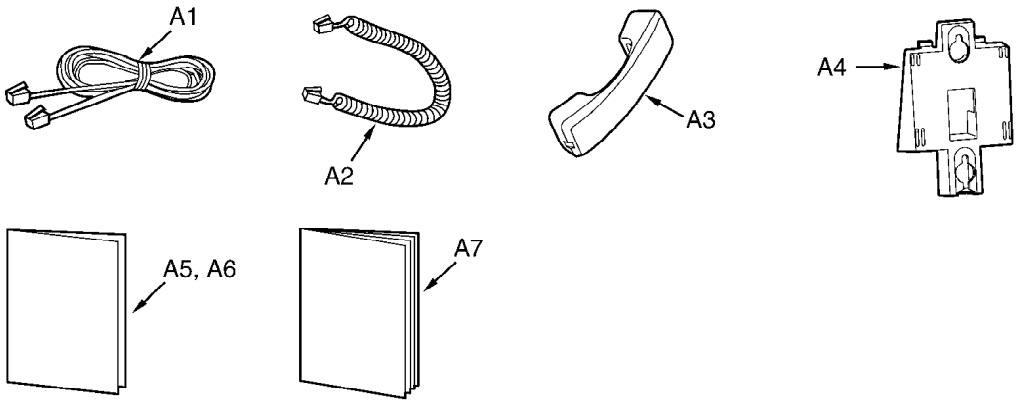
Panasonic

1. LOCATION OF CONTROLS



2. REPLACEMENT PARTS LIST

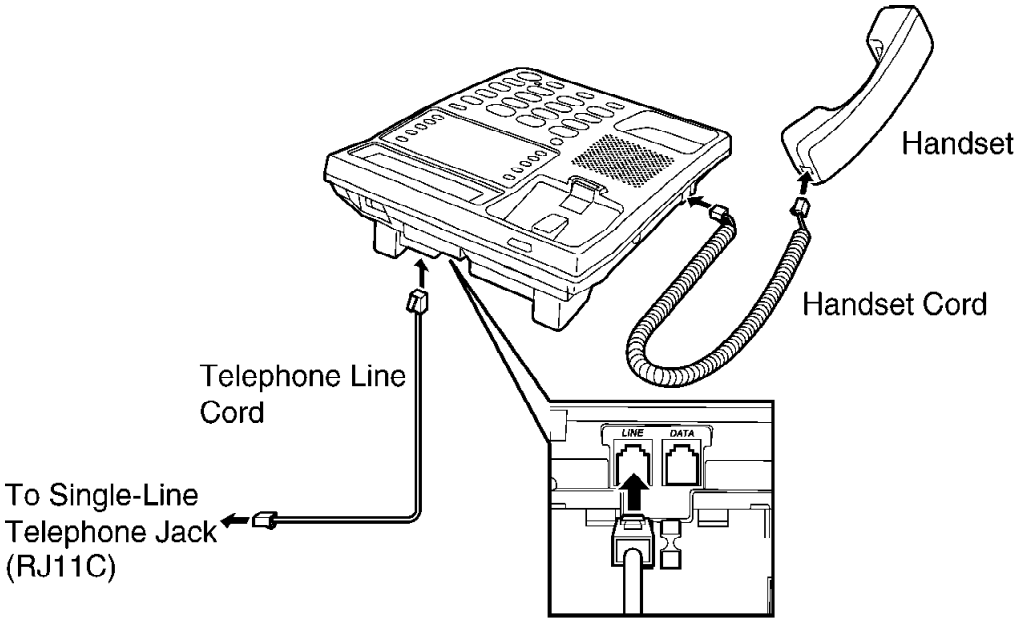
Ref. No.	Part No.	Part Name & Description	Pcs/Set
A1	PQJA10075Z	TEL CORD	1
A2	PQJA212M	CURL CORD	1
A3	PQJXC0102Z	HANDSET	1
A4	PQKL10038Y1	WALL MOUNT ADAPTOR	1
A5	PQQW12498Z	QUICK GUIDE (for Spanish)	1
A6	PQQW12576Z	LEAFLET	1
A7	PQQX13160Z	INSTRUCTION BOOK	1



3. CONNECTION

3.1. Connecting the Handset/Telephone Line Cord

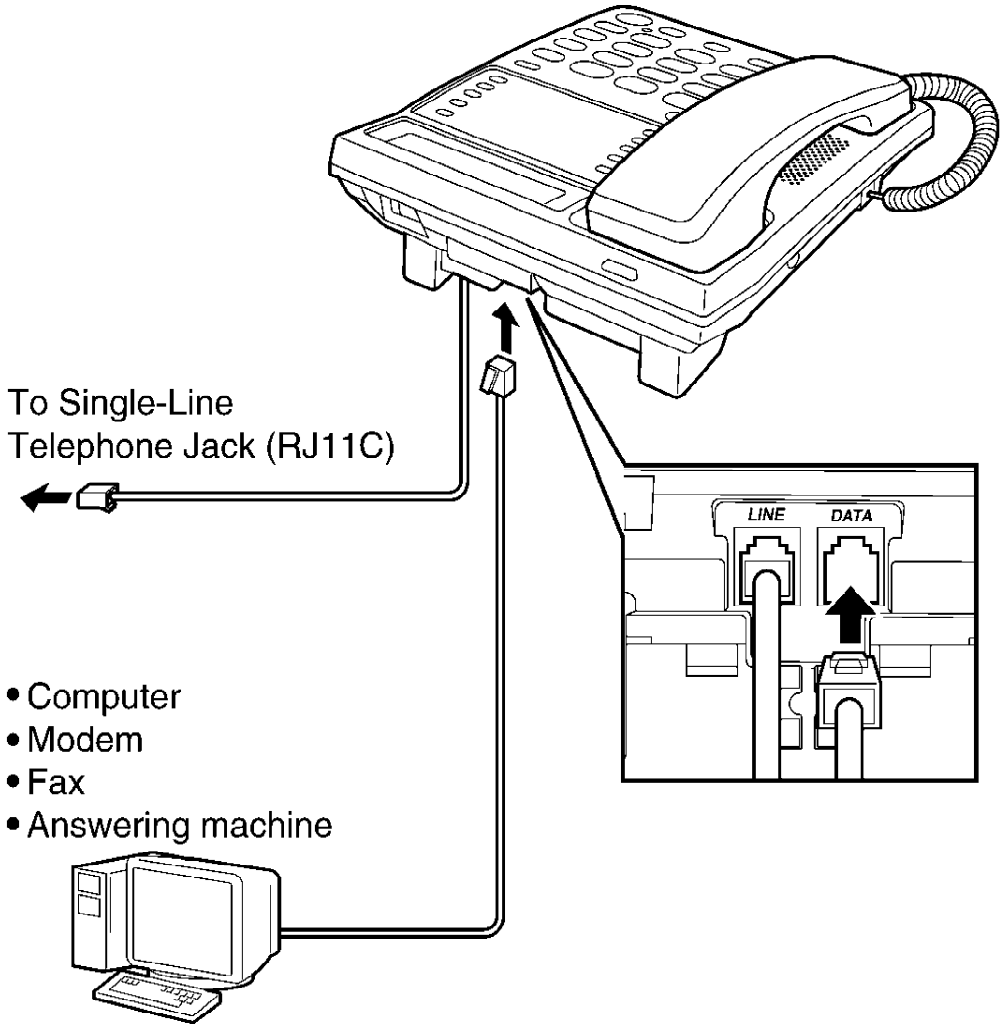
After connection, lift the handset to check for a dial tone.



- Use only a Panasonic Handset for the KX-TS108W.

3.2. Connecting a Communication Device

If you connect a communication device (computer, modem, fax, answering machine, etc.) to the telephone line, you can connect it through this unit using the DATA jack.
After connecting the handset and telephone line cord, connect the communication device telephone line cord to the DATA jack.



- Make sure the communication device is not in use before using this unit (making calls, storing phone numbers in memory etc.) or the communication device may not operate properly.

4. FOR SCHEMATIC DIAGRAM (SCHEMATIC DIAGRAM)

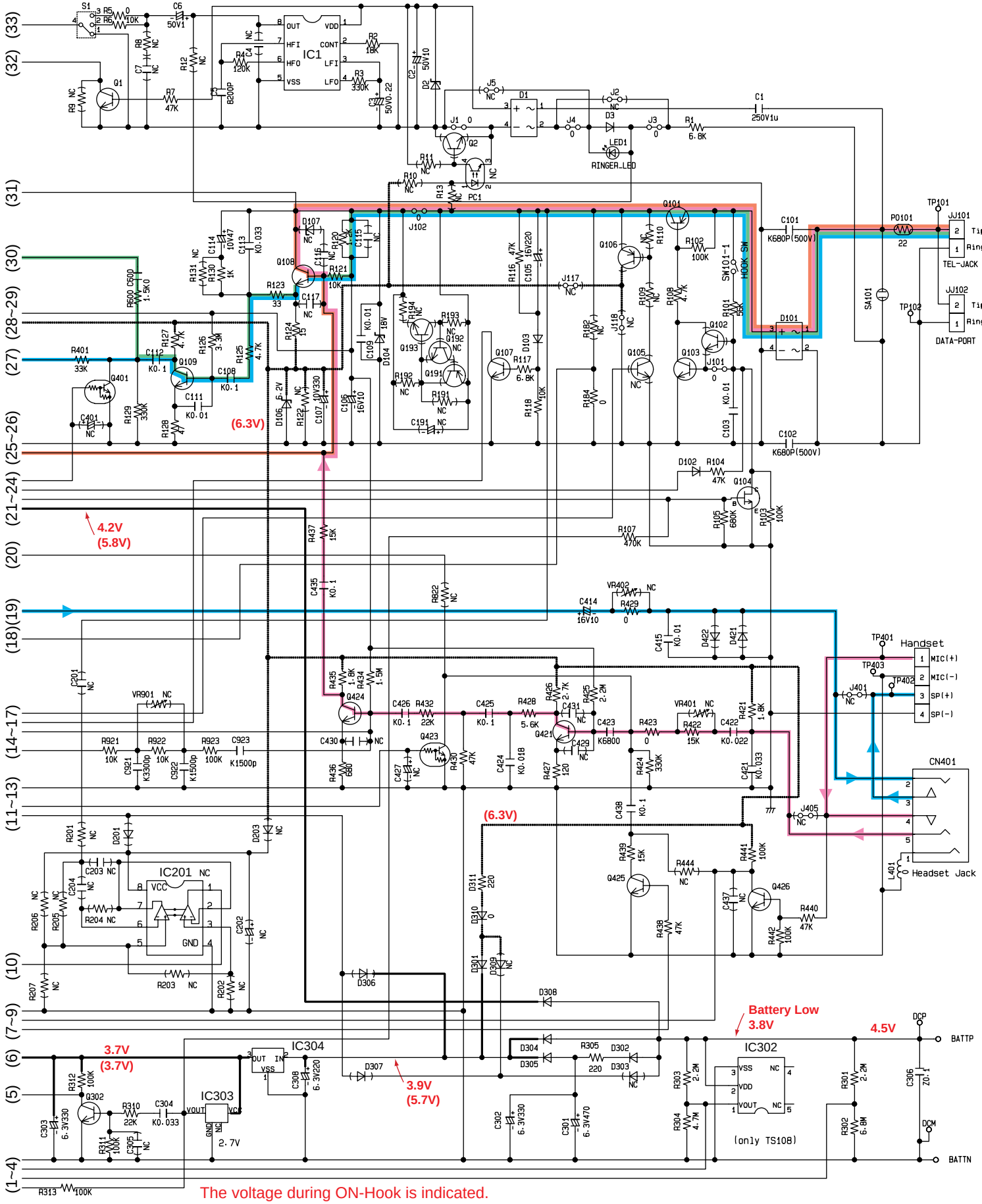
1. **DC voltage measurements are taken with electronic voltmeter from negative terminal.**
   (Add 40 mA to telephone line from the loop simulator.)
2. **This schematic diagram may be modified at any time with the development of new technology.**

Important Safety Notice: / Components identified by ⚠ mark have special characteristics important for safety. When replacing any of these components, use only the manufacturer´s specified parts.

4.1. MEMO

5. SCHEMATIC DIAGRAM

H.M / KXTS108W



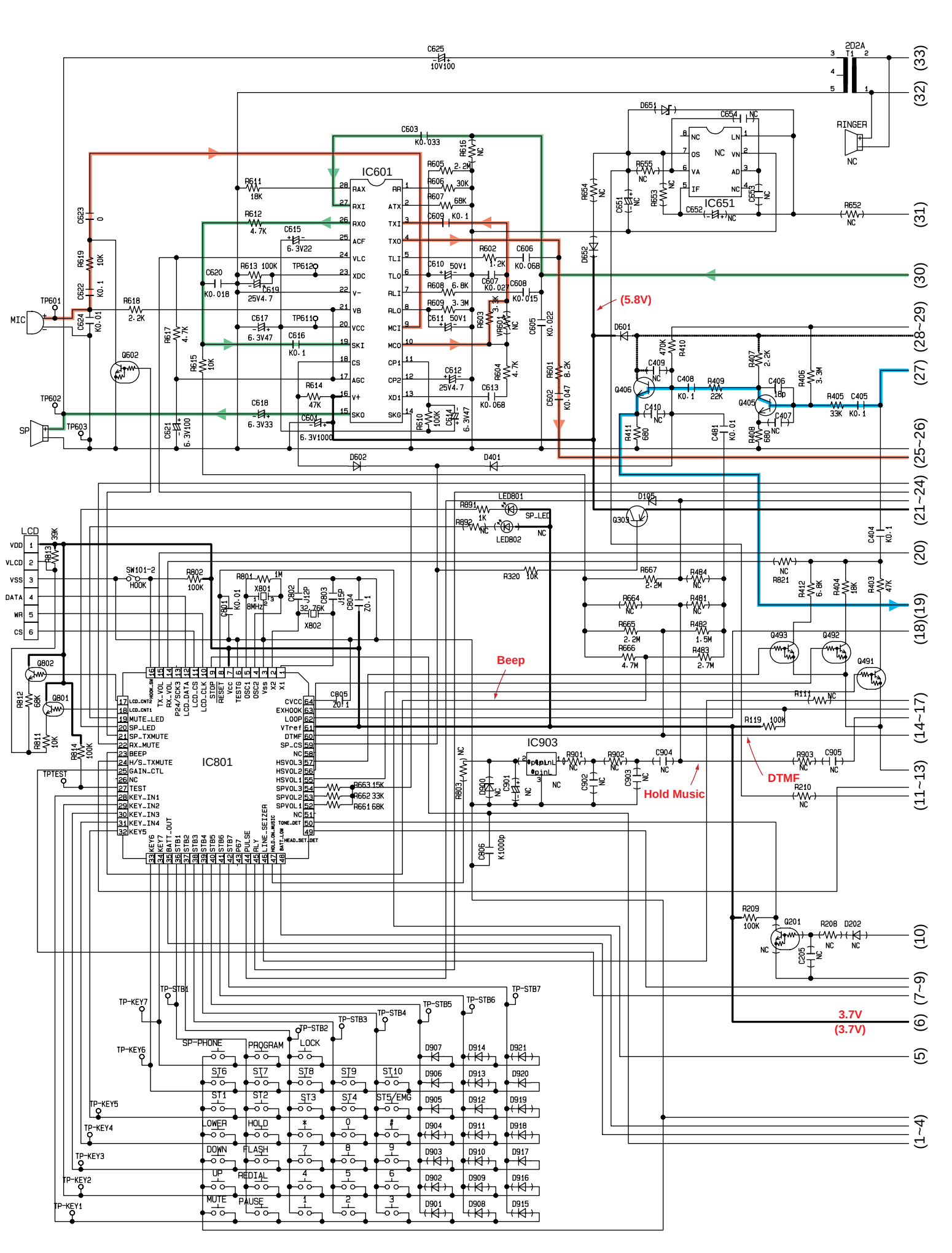
The voltage during ON-Hook is indicated.
( ) shows the voltage during OFF-Hook.

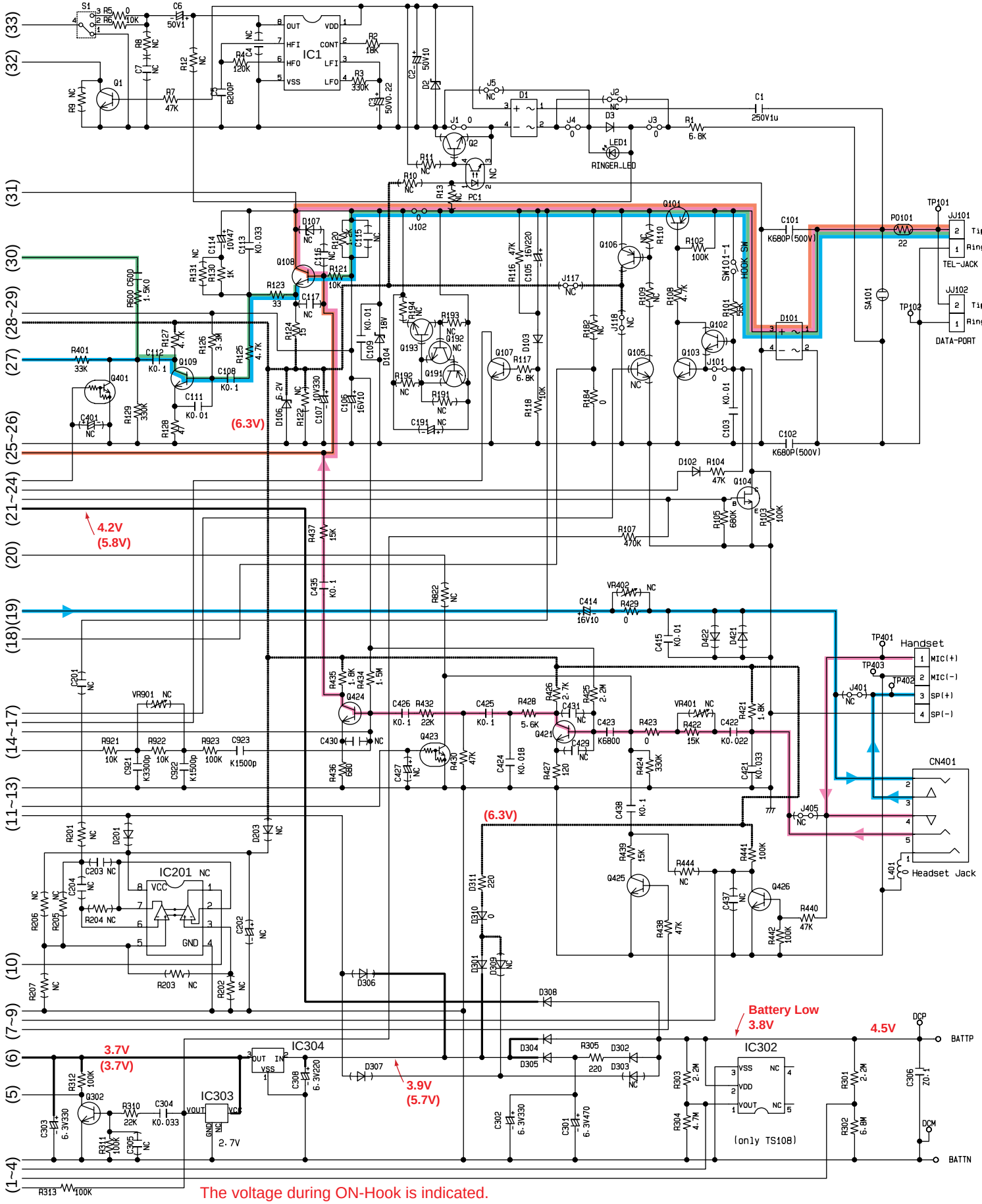
Handset & Headset Incoming Signal

Handset & Headset Outgoing Signal

Speaker Phone Incoming Signal

Speaker Phone Outgoing Signal


IC601
IC651
IC801
IC903
2D2A
RINGER
MIC
SP
LCD
(5.8V)
Beep
Hold Music
DTMF
3.7V
(3.7V)
SP-PHONE
PROGRAM
LOCK
(33)
(32)
(31)
(30)
(28~29)
(27)
(25~26)
(21~24)
(20)
(18)(19)
(14~17)
(11~13)
(10)
(7~9)
(6)
(5)
(1~4)



The voltage during ON-Hook is indicated.
( ) shows the voltage during OFF-Hook.

Handset & Headset Incoming Signal

Handset & Headset Outgoing Signal

Speaker Phone Incoming Signal

Speaker Phone Outgoing Signal